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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------|------------------|
| 10/784,271 | 02/24/2004 | Hideyuki Suzuki | 249225US6 | 8914 |
| 22850 | 7590 | 05/22/2006 | EXAMINER | |
| OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314 | | | VU, MICHAEL T | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2617 | |

DATE MAILED: 05/22/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|-------------------------------|-------------------------------|--|
| Office Action Summary | Application No. 10/784,271 | Applicant(s) SUZUKI ET AL. | |
| | Examiner Michael Vu | Art Unit 2617 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 February 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-26 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-26 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. The Art Unit location of your application in the USPTO has changed. To aid in correlating any papers for this application, all further correspondence regarding this application should be directed to Art Unit 2617.

Response to Arguments

2. Applicant's arguments with respect to claims 1-26 have been considered but are moot in view of the new ground(s) of rejection.

DETAILED ACTION

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 1-26 are rejected under 35 U.S.C. 102(b) as being anticipate by Izumi. (US 2002/0132584).

Regarding **claims 1, 3, 7, 9, 11, 16**, Izumi teaches a wireless communication system including a plurality of terminals [0015] comprising: an ad-hoc network (Bluetooth [0010]); a first terminal configured to send, using the ad-hoc network (Fig. 7, [0047]), a signal that includes beacon information having an identifier [0045] that identifies a type of certificate of privilege (certificate authority as registration serial

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numbers, Fig. 7, [0047-0050]); a second terminal configured to send, using the ad-hoc network (Fig. 8, [0060]) an authentication request to the first terminal in response to the signal sent from the first terminal by providing the type of certificate of privilege which matches the identifier [0014-0015, 0017, 0105-0106].

Regarding **claims 2, 15, 21, 23, 25-26**, Izumi teaches a wireless communication system including a plurality of terminals [0015] comprising: an ad-hoc network (Bluetooth [0010]); a first terminal configured to send [0047], using the ad-hoc network (Fig. 7, [0047]) a signal includes beacon information of the first terminal [0045]; a second terminal configured to send [0060], using the ad-hoc network indicating an operation mode, and an authentication request to the first terminal in response to the signal sent from the first terminal when the operation mode of the first terminal coincides with an operation mode of the second terminal (Fig. 7-8), by providing a certificate of privilege (certificate authority as registration or serial numbers, Fig. 7, [0047-0050]) indicating a right concerning the operation mode of the second terminal (Fig. 8, [0063-0064]).

Regarding **claims 4, 8, 10, 17, 22, and 24**, Izumi teaches a terminal according to claim 3, wherein the identifier is a terminal identifier of a terminal that has issued the certificate of privilege (certificate authority as registration numbers, Fig. 7, [0047-0050]).

Regarding **claims 5-6, 12-13, 18-19**, Izumi teaches a terminal according to claim 3, further comprising: a certificate-of-privilege issuing terminal list table for storing a public key certificate of a terminal that has issued the certificate of privilege (Fig. 7-8, [0015, 0019, 0053]; authentication-request receiving means for receiving a second authentication request from the different terminal in response to the authentication

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request sent from the authentication request means; and verification means for verifying a second certificate of privilege contained in the second authentication request received by the authentication-request receiving means by using a public key contained in the public key certificate stored in the certificate-of-privilege issuing terminal list table ([0014-0017, 0049-0051, 0053] stored registration number or serial number).

Regarding **claims 14 and 20**, Izumi teaches a terminal according to claim 12, further comprising: a policy table for storing a management policy to be used with the first terminal; and management-policy setting means for setting a management policy contained in the second certificate of privilege in the policy table when the operation-mode checking means determines that the second authentication request is not rejected [0017, 0040, 0053, 0056].

Conclusion

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

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extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael Vu whose telephone number is (571) 272-8131. The examiner can normally be reached on 8:00am - 6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duc Nguyen can be reached on 571-272-7503. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Michael Vu



DUC NGUYEN
PRIMARY EXAMINER